

IFWO

RAW SEQUENCE LISTING

DATE: 07/28/2004

PATENT APPLICATION: US/09/545,998

TIME: 14:14:16

Input Set : N:\Crf3\RULE60\09545998.raw Output Set: N:\CRF4\07282004\I545998.raw

SEQUENCE LISTING

	3	(I) GENE	KAL I	NFORMATION:
	5	(i)	APPL	ICANT: Gorman, Daniel M.
	6			Randall, Troy D.
	7			Zlotnik, Albert
	, 9 10	(ii)	TITL	E OF INVENTION: MAMMALIAN CELL SURFACE ANTIGENS; RELATED REAGENTS
	12	(iii)	NUMB	ER OF SEQUENCES: 8
	14			ESPONDENCE ADDRESS:
	15			ADDDDGGDD DWW Dawn I T I I I
	16			STREET: 901 California Avenue
	17		(C)	ADDRESSEE: DNAX Research Institute STREET: 901 California Avenue CITY: Palo Alto STATE: California COUNTRY: USA ZIP: 94304-1104
	18		(D)	STATE: California
	19			COUNTRY: USA
	20		(F)	ZIP: 94304-1104
	22	(v)	COMP	UTER READABLE FORM:
	23		(A)	MEDIUM TYPE: Floppy disk
	24		(B)	COMPUTER: IBM PC compatible
	25		(C)	OPERATING SYSTEM: PC-DOS/MS-DOS
	26		(D)	SOFTWARE: PatentIn Release #1.0, Version #1.30
	28	(vi)	CURRI	ENT APPLICATION DATA:
C>	29		(A)	APPLICATION NUMBER: US/09/545,998
C>	30		(B)	FILING DATE: 10-Apr-2000
W>	35		(C)	CLASSIFICATION: 536
C>	40	(vii)	PRIO	R APPLICATION DATA:
	33			APPLICATION NUMBER: US/08/911,423
	34			FILING DATE: 14-AUG-1997
	37			APPLICATION NUMBER: US 60/023,419
	38			FILING DATE: 16-AUG-1996
	41			APPLICATION NUMBER: US 60/027,901
	42			FILING DATE: 07-OCT-1996
C>		(viii)		RNEY/AGENT INFORMATION:
	45			NAME: Ching, Edwin P.
	46			REGISTRATION NUMBER: 34,090
	47			REFERENCE/DOCKET NUMBER: DX0612K
C>		(ix)		COMMUNICATION INFORMATION:
	50			TELEPHONE: 650-852-9196
	51			TELEFAX: 650-496-1200
				ON FOR SEQ ID NO: 1:
	56	(i)		NCE CHARACTERISTICS:
	57			LENGTH: 1073 base pairs
	58			TYPE: nucleic acid
	59		(C)	STRANDEDNESS: single

Input Set : N:\Crf3\RULE60\09545998.raw
Output Set: N:\CRF4\07282004\1545998.raw

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62				LECUI		PE:	CDNA	J									
65		(1X)		ATURE			an a										
66				1) NA				55.									
67		11	,	3) LC													
70	CITI CI		_	QUENC					-				~				
																CAGGAG	
	AAG	LACT		GGG													109
75				Gly	Ala	Trp		Met	Leu	Tyr	Gly		Ser	Met	Leu	Cys	
76	~~~	~=~	1	C	~~~	~-~	5					10					
				CTA													157
		Leu	Asp	Leu	GIY		Pro	Ser	Val	Val		Glu	Pro	Gly	Cys	-	
80	15	~~~			~-~	20					25					30	
				GTT													205
	Pro	GIY	Lys	Val		Asn	GIY	Ser	GIĀ		Asn	Thr	Arg	Cys	_	Ser	
84	ama		a a m		35	~	~-~	~-~		40					45		
				CCA													253
	Leu	Tyr	Ala	Pro	GIY	Lys	Glu	Asp	_	Pro	Lys	Glu	Arg	_	Ile	Cys	
88			~~-	50	~	~-~			55					60			
				GAG													301
	Val	Thr		Glu	Tyr	Hıs	Cys		Asp	Pro	Gin	Cys	-	Ile	Cys	Lys	
92	a. a		65		~~~	~~~	~~~	70	- ~ ~			~_	75				
				TGC													349
	HIS		Pro	Cys	GIN	Pro		Gin	Arg	Val	GIu		GIn	GIY	Asp	Ile	
96	ama	80	a aa	mma	000	mam	85	~~~	mam	~~~		90					
				TTC									ACC	TTC	TCC	GCA	397
		PDE						T 7	O	3 7 -	3 # - L	~ 7	m1	51	~		
100	\ OE		GIY	Pne	Arg			Ala	Cys	Ala		_	Thr	Phe	Ser		
י ח ח		5				100			_		105					110	445
	GG1	G CGI	GAC	GGT	CAC	100 TGC	AGA	CTT	TGG	ACC	105 AAC	TGT	TCI	CAG	TTT	110 GGA	445
103	GGT Gly	G CGI	GAC	GGT	CAC His	100 TGC Cys	AGA	CTT	TGG	ACC Thr	105 AAC Asn	TGT	TCI	CAG	TTT Phe	110 GGA Gly	445
103 104	GGT Gly	CGI Arg	GAC JAsp	GGT Gly	CAC His	100 TGC Cys	AGA Arg	CTT Leu	TGG Trp	ACC Thr	105 AAC Asn	TGT Cys	TCI Ser	CAG Gln	TTT Phe	110 GGA Gly	
103 104 106	GGT Gly	G CGI	GAC Asp	GGT Gly	CAC His 115	100 TGC Cys	AGA Arg	CTT Leu	TGG Trp	ACC Thr 120	105 AAC Asn	TGT Cys	TCT Ser	CAG Gln	TTT Phe 125	110 GGA Gly	44 5 4 93
103 104 106 107	GGT Gly TTT Phe	G CGI	GAC Asp	GGT Gly ATG Met	CAC His 115 TTC	100 TGC Cys	AGA Arg	CTT Leu	TGG Trp AAG	ACC Thr 120 ACC Thr	105 AAC Asn	TGT Cys	TCT Ser	CAG Gln GTG Val	TTT Phe 125 TGC	110 GGA Gly	
103 104 106 107	GGT Gly TTT Phe	CTC	GAC Asp ACC Thr	GGT Gly ATG Met	CAC His 115 TTC Phe	100 TGC Cys CCT Pro	AGA Arg GGG Gly	CTT Leu AAC Asn	TGG Trp AAG Lys 135	ACC Thr 120 ACC Thr	105 AAC Asn CAC	TGT Cys AAT Asn	TCT Ser GCT	CAG Gln GTG Val	TTT Phe 125 TGC	110 GGA Gly ATC Ile	4 93
103 104 106 107 108	GGT Gly TTT Phe	CTC Leu GAG	GAC ASP ACC Thr	GGT Gly ATG Met 130	CAC His 115 TTC Phe	100 TGC Cys CCT Pro	AGA Arg GGG Gly GAG	CTT Leu AAC Asn	TGG Trp AAG Lys 135	ACC Thr 120 ACC Thr	105 AAC Asn CAC His	TGT Cys AAT Asn	GCT Ala	CAG Gln GTG Val 140	TTT Phe 125 TGC Cys	110 GGA Gly ATC Ile	
103 104 106 107 108 110	GGT Gly TTT Phe	CTC Leu GAG	G GAC G ACC G Thr G CCA	GGT Gly ATG Met 130 CTG	CAC His 115 TTC Phe	100 TGC Cys CCT Pro	AGA Arg GGG Gly GAG	CTT Leu AAC Asn CAA Gln	TGG Trp AAG Lys 135 TAC	ACC Thr 120 ACC Thr	105 AAC Asn CAC His	TGT Cys AAT Asn	TCT Ser GCT Ala ACT	CAG Gln GTG Val 140	TTT Phe 125 TGC Cys	110 GGA Gly ATC Ile	4 93
103 104 106 107 108 110 111	GGT GGT TTT The CCG	CTC GAG GAG GAG	G GACGA ASP C ACCGA Thr G CCAGA Pro	GGT Gly ATG Met 130 CTG	CAC His 115 TTC Phe CCC Pro	100 TGC Cys CCT Pro ACT Thr	AGA Arg GGG Gly GAG	AAC Asn CAA Gln 150	TGG Trp AAG Lys 135 TAC	ACC Thr 120 ACC Thr GGC Gly	105 AAC Asn CAC His	TGT Cys AAT Asn TTG	GCT Ala	G CAG Glm G GTG Val 140 GTC Val	TTT Phe 125 TGC Cys ATC	110 GGA Gly ATC Ile TTC Phe	493 541
103 104 106 107 108 110 111 112	GGT GGT GGT TTT Phe GGG Pro	GAGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	G GAC G ASP C ACC I Thr G CCA I Pro 145 C ATG	GGT GGT Met 130 CTG Leu	CAC His 115 TTC Phe CCC Pro	100 TGC Cys CCT Pro ACT Thr	AGA Arg GGG Gly GAG Glu	AAC ASn CAA Gln 150	TGG Trp AAG Lys 135 TAC Tyr	ACC Thr 120 ACC Thr GGC Gly	105 AAC ASD CAC His CAT His	TGT Cys AAT ASD TTG Leu	GCT Ala	C CAG C GTG Val 140 C GTG Val C GTG C Val	TTT Phe 125 TGC Cys	110 GGA Gly ATC Ile TTC Phe	4 93
103 104 106 107 108 110 111 112 114	GGT GGT GGT TTT Phe GGCG Pro	CTC CGT CTC CTC CGT CGT CGT CGT CGT CGT	G GAC G ASP C ACC I Thr G CCA I Pro 145 G ATG	GGT Gly ATG Met 130 CTG Leu GCT Ala	CAC His 115 TTC Phe CCC Pro	100 TGC Cys CCT Pro ACT Thr	AGA Arg GGG Gly GAG Glu ATT Ile	AAC Asn CAA Gln 150 TTC	TGG Trp AAG Lys 135 TAC Tyr	ACC Thr 120 ACC Thr GGC Gly	105 AAC ASD CAC His CAT His	TGT Cys AAT Asn TTG Leu	GCT Ala ACT Thr 155	C CAG C GTG Val 140 C GTG Val C GTG C Val	TTT Phe 125 TGC Cys	110 GGA Gly ATC Ile TTC Phe	493 541
103 104 106 107 108 110 111 112 114 115	GGT	G CTC G GAG G GTC G Val 160	G GACC ACC Thr G CCA Pro 145 ATG Met	GGT Gly ATG Met 130 CTG Leu GCT Ala	CAC His 115 TTC Phe CCC Pro	100 TGC Cys CCT Pro ACT Thr	AGA Arg GGG Gly GAG Glu ATT Ile 165	AAC ASN CAA Gln 150 TTC Phe	TGG Trp AAG Lys 135 TAC Tyr TTC	ACC Thr 120 ACC Thr GGC Gly CTA Leu	105 AAC Asn CAC His CAT His ACC	TGT Cys AAT Asn TTG Leu ACA Thr	GCT Ala ACT Thr 155	CAG Gln GTG Val 140 GTC Val CAG Gln	FTTT Phe 125 TGC Cys ATC Ile	GGA GGLY ATC Ile TTC Phe GGC GLY	493
103 104 106 107 108 110 111 112 114 115	GGT GGT GGT TTT Phe CCG Pro	GAGG GTG Val	G GACCA Thrus CCAA Pro 145 ATG	GGT Gly ATG Met 130 CTG Leu GCT Ala	CAC His 115 TTC Phe CCC Pro GCA Ala	100 TGC Cys CCT Pro ACT Thr	AGA Arg GGG Gly GAG Glu ATT Ile 165 AGG	AAC ASn CAA Gln 150 TTC Phe	TGG Trp AAG Lys 135 TAC Tyr TTC Phe	ACC Thr 120 ACC Thr GGC Gly CTA Leu	105 AACC His ACC Thr	TGT Cys AAT ASD Leu ACA Thr 170	TCT Ser GCT Ala ACT Thr 155 GTC Val	CAG Gln GTG Val 140 GTC Val CAG Gln	FTTT Phe 125 TGC Cys ATC Ile	110 GGA Gly ATC Ile TTC Phe GGC Gly	493 541
103 104 106 107 108 110 111 112 114 115 116	GGT Gly TTTT Phe CCG Pro CTG Leu	GAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG	G GACCA Thrus CCAA Pro 145 ATG	GGT Gly ATG Met 130 CTG Leu GCT Ala	CAC His 115 TTC Phe CCC Pro GCA Ala	100 TGC Cys CCT Pro ACT Thr TGC Cys	AGA Arg GGG Gly GAG Glu ATT Ile 165 AGG	AAC ASn CAA Gln 150 TTC Phe	TGG Trp AAG Lys 135 TAC Tyr TTC Phe	ACC Thr 120 ACC Thr GGC Gly CTA Leu	105 AAC ASD CAC His CAT His ACC Thr	TGT Cys AAT ASD TTG ACA Thr 170 TGT Cys	TCT Ser GCT Ala ACT Thr 155 GTC Val	CAG Gln GTG Val 140 GTC Val CAG Gln	FTTT Phe 125 TGC Cys ATC Ile	GGA Gly TTC Phe GGC Gly ACC Thr	493
103 104 106 107 108 112 114 115 116 118 119	GGT GGT GGT FTTT Phe GGCG Pro CTG Leu GGTG Leu	GAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG	G ACC Thr CCA Pro 145 ATG Met	GGTY CTG	CAC His 115 TTC Phe CCC Pro GCA Ala CAG Gln	100 TGC Cys CCT Pro ACT Thr TGC Cys CTG Leu 180	AGA Arg GGG Glu ATT Ile 165 AGG Arg	AAC AS CAA Gln 150 TTC Phe AGG Arg	TGG Trp AAG Lys 135 TAC Tyr TTC Phe CAA Gln	ACC Thr 120 ACC Thr GGC Gly CTA Leu CAC	105 AAC ASD CAC His CAT His ACC Thr	TGT Cys AAT ASD TGG ACA Thr 170 TGT Cys	GCT Ala ACT Thr 155 GTC Val	CAG GTG Val 140 GTG Val CAG Gln	TTTT Phe 125 Cys ATC Ile CTC Leu	110 GGA Gly ATC Ile TTC Phe GGC Gly ACC Thr 190	493
103 104 106 107 108 110 111 112 114 115 116 118 120 122	GGT GGT GGT FTTT Phe GGT CTG Leu GGT GGT GGT GGT GGT GGT GGT GGT GGT GG	GCCA	G GACGA Thrace CCA Pro 145 ATGA Met	GGT GGT Ala	CAC His 115 TTC Phe CCC Pro GCA Ala CAG Gln	100 TGC Cys CCT Pro ACT Thr TGC Cys CTG Leu 180 GTG	AGA Arg GGG Glu ATT Ile 165 AGG Arg	AAC AAC Gln 150 TTC Phe AGG Arg	TGG Trp AAG Lys 135 TAC Tyr TTC Phe CAA Gln	ACC Thr 120 ACC Thr GGC Gly CTA Leu CAC His	105 AAC ASD CAC His CAT His ACC Thr ATG Met 185 GAG	TGT Cys AAT ASD TTG Leu ACA Thr 170 TGT Cys	GCT CCC CCC CCC CCC CCC CCC CCC CCC CCC	CAG GIN Val 140 GTC Val CAG GIN CGAA	F TTT Phe 125 TGC Cys ATC Ile CTC Leu AGC	TTC Phe GGC Gly ACC Thr 190 TTC	493
103 104 106 107 108 110 111 112 114 115 116 118 120 122 123	GGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	GCCA	G GACGA Thrace CCA Pro 145 ATGA Met	GGTY CTG	CAC His 115 TTC Phe CCC Pro GCA Ala CAG Gln GAG Glu	100 TGC Cys CCT Pro ACT Thr TGC Cys CTG Leu 180 GTG	AGA Arg GGG Glu ATT Ile 165 AGG Arg	AAC AAC Gln 150 TTC Phe AGG Arg	TGG Trp AAG Lys 135 TAC Tyr TTC Phe CAA Gln	ACC Thr 120 ACC Thr GGC Gly CTA Leu CAC His	105 AAC ASD CAC His CAT His ACC Thr ATG Met 185 GAG	TGT Cys AAT ASD TTG Leu ACA Thr 170 TGT Cys	GCT CCC CCC CCC CCC CCC CCC CCC CCC CCC	CAG GIN Val 140 GTC Val CAG GIN CGAA	F TTT Phe 125 TGC Cys ATC Ile CTC Leu AGC Ser	TTC Phe GGC Gly ACC Thr 190 TTC	493
103 104 106 107 108 110 111 112 114 115 116 118 120 122 123 124	GGTTTT Phe CTG Leu 175 CTG GIn CTG GIn	G CTC G GAG G GTC G CAC	G ACC Thr CCA Pro 145 ATG Met	GGTY ATG ATG CTG Ala TGG Trp GCG Ala	CAC His 115 TTC Phe CCC Pro GCA Ala CAG Gln GAG Glu 195	TGC Cys ACT Thr TGC Cys CTG Leu 180 GTG Val	AGA Arg GGG Glu ATT Ile 165 AGG Arg CAG	AAC Asn CAA Gln 150 TTC Phe AGG Arg TTG Leu	TGG Trp AAG Lys 135 TAC Tyr TTC Phe CAA Gln TCA Ser	ACC Thr 120 ACC Thr GGC Gly CTA Leu CAC His	105 AACC Asn CAC His CAT His ACC Thr ATG Met 185 GAG Glu	TGT Cys AAT ASD ACA Thr 170 TGT Cys GAT ASD	GCT Ala CCC Pro	CAG Gln Val 140 CGTC Val CAG Gln CGA Arg	TTTT Phe 125 TGC Cys ATC Ile GAG Glu AGC Ser 205	TTC Phe GGC Gly ACC Thr 190 TTC Phe	493
103 104 106 107 108 110 111 112 114 115 116 118 120 122 123 124 126	GGTTTTT Phesis CTG Leuch CAG	GCAC HIS	G GACGA ASP C ACCAA Pro 145 ATGA Met	GGTY CTG CTG Ala TTGG Ala GAG	CAC His 115 TTC Phe CCC Pro GCA Ala CAG Gln GAG Glu 195 GAG	100 TGC Cys CCT Pro ACT Thr TGC Cys CTG Leu 180 GTG Val	AGA Arg GGG Gly GAG Glu ATT Ile 165 AGG Arg CAG Gln	AAC ASn CAA Gln 150 TTC Phe AGG Arg TTG Leu GGG	TGG Trp AAG Lys 135 TAC Tyr TTC Phe CAA Gln TCA Ser	ACC Thr 120 ACC Thr GGC Gly CTA Leu CAC His GCT Ala 200 CAG	105 AACC ASD CACC His CAT His ACC Thr ATG Met 185 GAG Glu	TGT Cys AAT ASn Leu ACA Thr 170 TGT Cys GAT ASp	GCT Ala CCC Pro	CAG Gln Val 140 CGTC Val CAG Gln CGA Arg	G TTT Phe 125 TGC Cys ATC Ile CTC Leu AGC Ser 205	TTC Phe GGC Gly ACC Thr 190 TTC Phe CAT	493
103 104 106 107 108 110 111 112 114 115 116 118 120 122 123 124 126	GGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	GCAC HIS	G GACGA ASP C ACCAA Pro 145 ATGA Met	GGTY ATG ATG CTG Ala TGG Trp GCG Ala	CAC His 115 TTC Phe CCC Pro GCA Ala CAG Gln GAG Glu 195 GAG	100 TGC Cys CCT Pro ACT Thr TGC Cys CTG Leu 180 GTG Val	AGA Arg GGG Gly GAG Glu ATT Ile 165 AGG Arg CAG Gln	AAC ASn CAA Gln 150 TTC Phe AGG Arg TTG Leu GGG	TGG Trp AAG Lys 135 TAC Tyr TTC Phe CAA Gln TCA Ser	ACC Thr 120 ACC Thr GGC Gly CTA Leu CAC His GCT Ala 200 CAG	105 AACC ASD CACC His CAT His ACC Thr ATG Met 185 GAG Glu	TGT Cys AAT ASn Leu ACA Thr 170 TGT Cys GAT ASp	GCT Ala CCC Pro	CAG Gln Val 140 CGTC Val CAG Gln CGA Arg	G TTT Phe 125 TGC Cys ATC Ile CTC Leu AGC Ser 205	TTC Phe GGC Gly ACC Thr 190 TTC Phe CAT	493

Input Set : N:\Crf3\RULE60\09545998.raw
Output Set: N:\CRF4\07282004\I545998.raw

				CGG			TGA	GGCC'	rgg :	CTT	CCTC'	TG T	GCCC	CAAG	C		781
	Leu	Gly	_	Arg	Trp	Pro											
132			225														
																CTGCAC	841
																GAGCGG	901
																TAGGGT	961
																TACTTG	1021
142	TTTZ	AGTA	ACC '	TGAA	AAAA	AA AA	AAAA	AAAG	G GC	GGCC	GCGG	AGG	CCGA	ATT	CC		1073
145	(2)			TION													
147		(i		QUEN													
148			()	A) L	ENGT	H: 2	28 aı	mino	acio	ds							
149			()	B) T	YPE:	ami	no a	cid									
150				D) T													
152		(ii) MO	LECU:	LE T	YPE:	pro	tein									
154		(xi) SE	QUEN	CE DI	ESCR:	IPTI	: NC	SEQ :	ID N	0: 2	:					
156	Met	Gly	Ala	Trp	Ala	Met	Leu	Tyr	Gly	Val	Ser	Met	Leu	Cys	Val	Leu	
157	1				5					10					15		
159	Asp	Leu	Gly	Gln	Pro	Ser	Val	Val	Glu	Glu	Pro	Gly	Cys	Gly	Pro	Gly	
160				20					25					30			
162	Lys	Val	Gln	Asn	Gly	Ser	Gly	Asn	Asn	Thr	Arg	Cys	Cys	Ser	Leu	Tyr	
163			35					40					45				
165	Ala	Pro	Gly	Lys	Glu	Asp	Cys	Pro	Lys	Glu	Arg	Cys	Ile	Cys	Val	Thr	
166		50					55					60					
168	Pro	Glu	Tyr	His	Cys	Gly	Asp	Pro	Gln	Cys	Lys	Ile	Cys	Lys	His	Tyr	
169	65					70					75					80	
171	Pro	Cys	Gln	Pro	Gly	Gln	Arg	Val	Glu	Ser	Gln	Gly	Asp	Ile	Val	Phe	
172					85					90					95		
174	Gly	Phe	Arg	Cys	Val	Ala	Cys	Ala	Met	Gly	Thr	Phe	Ser	Ala	Gly	Arg	
175				100					105					110			
17,7	Asp	Gly	His	Cys	Arg	Leu	Trp	Thr	Asn	Cys	Ser	Gln	Phe	Gly	Phe	Leu	
178			115					120					125				
180	Thr	Met	Phe	Pro	Gly	Asn	Lys	Thr	His	Asn	Ala	Val	Cys	Ile	Pro	Glu	
181		130					135					140					
183	Pro	Leu	Pro	Thr	Glu	Gln	Tyr	Gly	His	Leu	Thr	Val	Ile	Phe	Leu	Val	
	145					150					155					160	
186	Met	Ala	Ala	Cys	Ile	Phe	Phe	Leu	Thr	Thr	Val	Gln	Leu	Gly	Leu	His	
187					165					170					175		
189	Ile	Trp	Gln	Leu	Arg	Arg	Gln	His	Met	Cys	Pro	Arg	Glu	Thr	Gln	Pro	
190				180					185					190			
192	Phe	Ala	Glu	Val	Gln	Leu	Ser	Ala	Glu	Asp	Ala	Cys	Ser	Phe	Gln	Phe	
193			195					200					205				
195	Pro	Glu	Glu	Glu	Arg	Gly	Glu	Gln	Thr	Glu	Glu	Lys	Cys	His	Leu	Gly	
196		210					215					220					
198	Gly	Arg	Trp	Pro													
199	225																
201	(2)	INF	ORMA	rion	FOR	SEQ	ID 1	10: 3	3:								
203		(i)) SE(QUEN	CE CF	IARA(CTER	STIC	CS:								
204			(2	A) LI	ENGTE	H: 10	006 k	oase	pair	îs.							
205			(1	B) TY	PE:	nucl	leic	acio	i .								

Input Set : N:\Crf3\RULE60\09545998.raw
Output Set: N:\CRF4\07282004\1545998.raw

206 207 209		(ii	(1	D) T	TRAN: OPOL: LE T	OGY:	lin		gle								
212		(ix	FE	ATUR	Е:												
213		,			AME/:	KEY.	CDS										
214					OCAT			723									
217		(xi						ON:	CEO	א חד	Λ 3						
	ATG												CTC	TCC	CCC	CTC	48
	Met																40
221	1	nia	0111	1115	5	AIA	Met	GIY	AIA	10	Arg	Ата	пеп	Cys	15	цец	
	GCG	СТС	СТС	TGC	_	СТС	ΔCC	СТС	CCT		CGC	ccc	אככ	ccc	_	CCC	96
	Ala																96
225	1114		Lea	20	1114	пси	DCI	L Cu	25	GIII	Arg	FIO	1111	30	Gry	FIO	
	GGG	TGC	GGC		GGG	CGC	СТС	СТС		ccc	ACG	CCA	ΔCG		aca	CGC	144
	Gly																144
229	- 2	Φ 1 D	35		011	9		40	10u	017	1111	O± y	45	nsp	niu	nr 9	
	TGC	TGC		GTT	CAC	ACG	ACG		TGC	TGC	CGC	СΣΤ		CCG	GGC	GAG	192
	Cys																
233	-1-	50	5				55	9	<i>-1</i>	o _f o	9	60	- 1 -	110	0-7	O.L.	
	GAG		тст	TCC	GAG	TGG		TGC	ATG	тст	GTC		ССТ	GDD	ጥጥር	$C\Delta C$	240
	Glu																240
237	65	-1-	-1	~~-	014	70		0,10		<i>-10</i>	75	0111		014	1110	80	
	TGC	GGA	GAC	CCT	TGC		ACG	ACC	TGC	CGG		CAC	ССТ	тст	כככ		288
	Cys																200
241	- 2	1			85	-1-			-1-	90				υ _I υ	95	110	
	GGC	CAG	GGG	GTA		TCC	CAG	GGG	AAA		AGT	ششل	GGC	ጥጥር		тст	336
	Gly																330
245	* *		2	100				1	105				01	110	·	CID	
247	ATC	GAC	TGT	GCC	TCG	GGG	ACC	TTC		GGG	GGC	CAC	GAA		CAC	TGC	384
	Ile																
249		-	115			-		120		-	- 1		125	1		-1-	
251	AAA	CCT	TGG	ACA	GAC	TGC	ACC	CAG	TTC	GGG	TTT	CTC	ACT	GTG	TTC	CCT	432
	Lys																
253	_	130	_		_	-	135			-		140					
255	GGG	AAC	AAG	ACC	CAC	AAC	GCT	GTG	TGC	GTC	CCA	GGG	TCC	CCG	CCG	GCA	480
	Gly																
257						150			-		155	-				160	
259	GAG	CCG	CTT	GGG	TGG	CTG	ACC	GTC	GTC	CTC	CTG	GCC	GTG	GCC	GCC	TGC	528
	Glu																
261				_	165					170					175	-	
263	GTC	CTC	CTC	CTG	ACC	TCG	GCC	CAG	CTT	GGA	CTG	CAC	ATC	TGG	CAG	CTG	576
	Val																
265				180					185	_				190			
267	AGG	AGT	CAG	TGC	ATG	TGG	CCC	CGA	GAG	ACC	CAG	CTG	CTG	CTG	GAG	GTG	624
	Arg																
269			195					200					205				
271	CCG	CCG	TCG	ACC	GAA	GAC	GCC	AGA	AGC	TGC	CAG	TTC	CCC	GAG	GAA	GAG	672
	Pro																
273		210					215					220					

Input Set : N:\Crf3\RULE60\09545998.raw
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276												Leu				TGG Trp 240	720
279	GTG	TGA	GCCT	GGC	CGTC		GG G	GCCA	CCGA	C CG			CCC	ጥሮሮሮ	CAG	210	773
	Val		-								01100	CHOC	-	1000	CIIO		,,,
		CTCC	CCA	GGCC	GCAG	GG G	СТСТ	GCGT'	т ст	GCTC	ТССС	CCG	GGCC	CTG	כידיכיכי	CCTGGC	833
																CGGCGG	893
																TATAGT	953
289	GTC	ACCT	AAA	TTCA	ATTC	AC T	GGCC	GTCG'	יידייני יד	TACA	ACGT	CCT	GACT	GGG	ΔΔΔ	1111101	1006
				TION								001	01101				1000
294																	
295																	
296																	
297	, ,																
299		(ii		LECU:													
301				QUEN					SEO :	ID N	0: 4	:					
303	Met												Leu	Cvs	Gly	Leu	
304	1				5			1		10	5			-1-	15		
306	Ala	Leu	Leu	Cys	Ala	Leu	Ser	Leu	Glv	Gln	Ara	Pro	Thr	Glv	Gly	Pro	
307				20					25		J	•		30	V-1		
309	Gly	Cys	Gly	Pro	Gly	Arq	Leu	Leu	Leu	Glv	Thr	Glv	Thr	Asp	Ala	Ara	
310	•	-	35		-	_		40		-		1	45			5	
312	Cys	Cys	Arg	Val	His	Thr	Thr	Arq	Cys	Cys	Arq	Asp	Tvr	Pro	Gly	Glu	
313	_	50	_				55	J	-	-	_	60	_		•		
315	Glu	Cys	Cys	Ser	Glu	Trp	Asp	Cys	Met	Cys	Val	Gln	Pro	Glu	Phe	His	
316	65					70	_	_		-	75					80	
318	Cys	Gly	Asp	Pro	Cys	Cys	Thr	Thr	Cys	Arg	His	His	Pro	Cys	Pro	Pro	
319					85					90					95		
321	Gly	Gln	Gly	Val	Gln	Ser	Gln	Gly	Lys	Phe	Ser	Phe	Gly	Phe	Gln	Cys	
322				100					105					110			
324	Ile	Asp	Cys	Ala	Ser	Gly	Thr	Phe	Ser	Gly	Gly	His	Glu	Gly	His	Cys	
325			115					120					125				
	Lys	Pro	Trp	Thr	Asp	Cys	Thr	Gln	Phe	Gly	Phe	Leu	Thr	Val	Phe	Pro	
328	_	130			_		135					140					
		Asn	Lys	Thr	His		Ala	Val	Cys	Val	Pro	Gly	Ser	Pro	Pro	Ala	
331						150					155					160	
	Glu	Pro	Leu	Gly		Leu	Thr	Val	Val		Leu	Ala	Val	Ala	Ala	Cys	
334			_	_	165		_			170					175		
											Leu	His			Gln	Leu	
337				180										190			
	Arg	Ser		Cys	Met	Trp	Pro		Glu	Thr	Gln	Leu		Leu	Glu	Val	
340	_	_	195			_		200				_	205				
	Pro		Ser	Thr	GLu	Asp		Arg	Ser	Cys	Gln		Pro	Glu	Glu	Glu	
343	_	210	~ ~	_	_		215		_			220					
		GTA	GIU	Arg	ser		GIu	GLu	ГÀг	GIY		Leu	Gly	Asp	Leu		
346						230					235					240	
348		T 3 7 8 7 6	\D\$45 -		70.5		- -										
351	(2)			TION													
353		(1)	SEÇ	UENC	E CH	IARAC	TERI	STIC	S:								

VERIFICATION SUMMARY

DATE: 07/28/2004 PATENT APPLICATION: US/09/545,998 TIME: 14:14:17

Input Set : N:\Crf3\RULE60\09545998.raw Output Set: N:\CRF4\07282004\I545998.raw

L:29	M:220	C:	Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
			Keyword misspelled or invalid format, [(B) FILING DATE:]
			Alpha Fields not Ordered, Reordered [(C) CLASSIFICATION:] of (1)(vi)
L:36	M:220	C:	Keyword misspelled or invalid format, [(vii) PRIOR APPLICATION DATA:]
			Keyword misspelled or invalid format, [(vii) PRIOR APPLICATION DATA:]
L:44	M:220	C:	Keyword misspelled or invalid format, [(viii) ATTORNEY/AGENT INFORMATION:]
L:49	M:220	C:	Keyword misspelled or invalid format, [(ix) TELECOMMUNICATION INFORMATION:]